

[54] **LAYERED PHOTOSENSITIVE IMAGING DEVICE WITH PHOTOGENERATING PIGMENTS DISPERSED IN A POLYHYDROXY ETHER COMPOSITION**

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[58] Field of Search 430/58, 66, 96, 59

[56] **References Cited**

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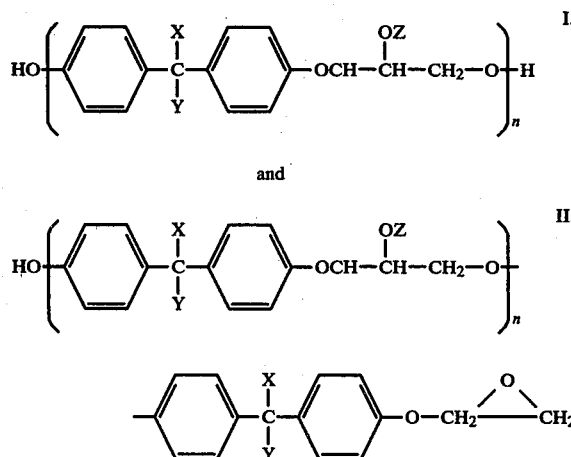
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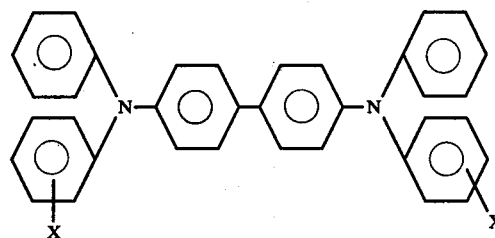
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[57] **ABSTRACT**

This invention is directed to an improved photosensitive device comprised in the order stated of (1) an optional supporting substrate, (2) a conductive layer, (3) a photogenerating layer comprised of an inorganic photoconductive composition, or an organic photoconductive composition, dispersed in a resinous binder material comprised of a poly(hydroxyether) material selected from the group consisting of those of the following formulas:



wherein X and Y are independently selected from the group consisting of aliphatic groups and aromatic groups, Z is hydrogen, an aliphatic group or an aromatic group, and n is a number of from about 50 to about 200, and (4) in contact with the photogenerating layer a charge transport layer comprised of an electrically active composition dispersed in an insulating organic resinous binder, which composition is of the following formula:



wherein X is selected from the group consisting of ortho (CH₃), meta (CH₃), para (CH₃), ortho (Cl), meta (Cl) and para (Cl); as well as the use of such devices in electrostatographic imaging systems, particularly xerographic imaging systems.

20 Claims, 4 Drawing Figures